

## MOBILE DEVICES HAVING AN IMAGE SENSOR FOR CHARGING A BATTERY

### ABSTRACT OF THE DISCLOSURE

[0031] Mobile devices and methods of operating mobile devices are disclosed herein. In one embodiment, a mobile device includes a rechargeable battery, a battery charger electrically coupled to the battery, and an image sensor operably coupled to the battery charger to selectively charge the battery. As such, the image sensor is configured to capture images and provide current to charge the battery. The image sensor can be a CMOS image sensor or a CCD image sensor. The mobile device may further include a housing, with the battery, battery charger, and image sensor contained within the housing.